

AMENDMENT TO THE DRAWINGS

The attached drawing sheet includes Replacement Figure 1. It replaces the original drawing sheet with Figure 1. Two arrows have been removed from Figure 1, as the Examiner required in the Office Action. The arrows previously pointed to elements not mentioned in the specification and not numbered in Figure 1.

Applicants respectfully submit that no new matter has been introduced by the amendment to the drawings.

REMARKS

Claim Status

Claims 1, 3, 6-10, and 19-33 are pending in the application. This paper does not amend, cancel, or add new claims. Claims 1, 19, 28, 29, and 33 are the independent claims of the application.

Objection to the Drawings

In the Office Action, the Examiner objected to Figure 1 because the Figure included two arrows pointing to elements that have neither been designated in the Figure nor referred to in the drawings. Accordingly, Replacement Figure 1 is being submitted with this Reply. In the Replacement Figure, the arrows have been deleted.

Art Rejections

The Office Action rejected claims 1, 6, 7, and 28 under 35 U.S.C. § 102(e) as being anticipated by Strobel *et al.*, U.S. Patent Number 6,720,493 ("Strobel II" hereinafter). In particular, the Office Action asserted that Figure 7B of Strobel II discloses that the radiation shielding lid and the x-ray shielding tub are positioned to shield the die from x-rays from every angle.

Regarding the embodiment of Figures 7A and 7B, Strobel II states the following:

Referring now to FIGS. 7A and 7B, there is shown another radiation shielded package 1200 which is also constructed according to the present invention. The package 1200 is substantially similar to the package 900 of FIGS. 5E and 5F, except

that the die attach slug 1290 has been modified to provide additional protection from side angle radiation. In this regard, the die attach slug 1290 includes a bottom member 1292 and side wall members 1293, 1294, 1296 and 1297, secured to the perimeter of the bottom member 1292. The additional side wall members 1293, 1294, 1296 and 1297 provide additional protection from side angle radiation. The height of the side wall members 1293, 1294, 1296 and 1297 can be adjusted to substantially reduce the incidence of side angle radiation on the die 1280.

Strobel II, col. 9, line 58, through col. 10, line 4 (underlining added for emphasis). Thus, although Strobel II teaches that the side wall members 1293, 1294, 1296, and 1297 may substantially reduce the incidence of side angle radiation, Strobel apparently does not teach that that these side wall members shield the die from x-ray radiation from every angle. Note also that Figure 7B of Strobel II does not show the actual height of the members 1293 and 1296.

Because Strobel II apparently does not teach that the radiation shielding lid and the x-ray shielding tub are positioned to shield the die from x-rays from every angle, Strobel II does not anticipate independent claims 1 and 28.

Dependent claims 6 and 7 should be patentable at least for the same reasons as their base claim 1.

The Office Action rejected the remaining claims of the application under 35 U.S.C. § 103(a) as being unpatentable over Strobel II alone; or Strobel II in view of other asserted art. Independent claims 19, 29, and 33 should be patentable over Strobel II, alone or in combination with the other cited art, because Strobel II apparently does not teach that the radiation shielding lid and the x-ray shielding tub are positioned to shield the die from x-rays from any angle or from every direction, as recited in these claims.

In the interest of avoiding unnecessary delays in prosecuting this application, and to the extent that the disclosure of Strobel II qualifies as prior art only under 35 U.S.C. 102(e), note current common ownership of the present application and Strobel II. See assignment documents recorded

on reel/frame combinations 013456/0201, 013587/0312, 010571/0641, 011213/0147, 011731/0922, and 017914/0717. It appears that at the time the present invention was made, the application and Strobel II were also commonly owned. Commonly-owned subject matter cannot be used as prior art under sections 103/102(e). 35. U.S.C. § 103(c).

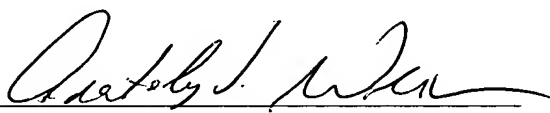
CONCLUSION

For the foregoing reasons, Applicants submit that all pending claims are allowable. To discuss any matter pertaining to the instant application, the Examiner is invited to call the undersigned attorney at (858) 720-9431.

Having made an effort to bring the application in condition for allowance, a notice to this effect is earnestly solicited.

Respectfully submitted,

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Anatoly S. Weiser, Reg. No. 43,229
12526 High Bluff Drive, Suite 300
San Diego, CA 92130
(858) 720-9431